

GCSE Mathematics (OCR – Specification code: J560)

What is GCSE Mathematics?

The OCR GCSE (9-1) Mathematics qualification encourages students to develop a positive attitude towards the subject and recognise the importance of mathematics in daily life. Students build on a sound base of conceptual understanding to apply mathematical techniques in a variety of authentic contexts.

During this course students will learn and develop skills of:

- Problem Solving
- Mathematical reasoning
- Creating and testing hypotheses

During this course learners will discover and acquire the knowledge in the following areas of mathematics:

- Ratio & Proportion
- Shape, Space & Measure (Geometry)
- Number
- Statistics
- Algebra

How will I be assessed?

In the mathematics GCSE, students are examined over three exam papers.

Paper 1: Foundation paper, calculator, 100 marks

Paper 2: Foundation paper, non-calculator, 100 marks

Paper 3: Foundation paper, calculator, 100 marks

Paper 4: Higher paper, calculator, 100 marks

Paper 5: Higher paper, non-calculator, 100 marks

Paper 6: Higher paper, calculator, 100 marks

What career can mathematics lead to?

- Actuary
- Astronomer
- Chartered accountant
- Data analyst
- Teacher
- Software engineer
- Sound engineer
- Statistician

How can I support my studies at home?

The OSSMA mathematics department encourages students to use a variety of online platforms to support the learning that takes place in school. We utilise websites such as:

- DESMOS
- Corbett Maths
- Dr Frost Maths
- Pinpoint Learning

- GCSE Maths Questions

We provide students with a pack of revision cards and a list of key information to go onto the cards to be used as flash cards. Past papers are also always accessible in school to ensure students have the opportunity to practice at home in preparation for their exams.